

Power Cost Memorandum Fuel Cost Update

Date: March 3, 2022

Utility Name (Cert. No.) (586) <u>Tatitlek Village IRA Council d/b/a</u> <u>Tatitlek Electric Utility</u>	Utility File No. <u>PC16-0316Z</u>	Date Filed: <u>February 7, 2022</u>
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PCE AMOUNT SUMMARY	Previously Approved PC16-0316Y	Staff Recommended Amount(s) and Effective Date PC16-0316Z
Class Rate	Date Approved: August 6, 2021	March 4, 2022
ALL	\$0.5255	\$0.6205
<input checked="" type="checkbox"/> Permanent <input type="checkbox"/> Interim <input checked="" type="checkbox"/> Permanent <input type="checkbox"/> Interim		

Prior Fuel Purchase Price: <u>\$ 4.1218</u>	New Fuel Purchase Price: \$ 5.0700
<input type="checkbox"/> Actual <input checked="" type="checkbox"/> Weighted	<input type="checkbox"/> Actual <input checked="" type="checkbox"/> Weighted
Delivery Charge: _____	Surcharge Change: Previous _____ Updated _____

Weighted Average Fuel Price/Gal. Calculation					
	Gallons		Price		
On-hand before deliv.	500	X	4.1218	=	2,060.9
Delivered	8,531	X	5.1256	=	43,724.4
	<u>9,031</u>				<u>\$45,785.33</u>
					Weighted Average \$ 5.0700

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Signed: Brenda Cox
Brenda Cox Utility Financial Analyst

Commission decision re. this recommendation :

	Date (if different from 3/3/22)	I CONCUR	I DO NOT CONCUR	I WILL WRITE A DISSENTING STATEMENT *
Pickett		<u>RMP</u>		
Kurber		<u>KKI</u>		
Scott		<u>AGS</u> AGS		
Sullivan		<u>AS</u> AS		
Wilson		<u>JWW</u> JWW		

Special Instructions to Staff:

* If this column is initialed, Staff will contact the Commissioner for the statement, otherwise, dissent will simply be noted at the close of the By Direction Letter or Order.

Tatitlek Village IRA Council d/b/a Tatitlek Electric Utility

APPENDIX 1

POWER COST EQUALIZATION CALCULATION
FOR TEST PERIOD ENDING DECEMBER 31, 2015
Fuel Cost Update

	PC16-0316Y	PC16-0316Z
	Prior Commission Approval	Per Utility Staff Recommended
A. Total kWh Generated	420,158	420,158
B. Total kWh Sold (Appendix 2)	344,697	344,697
C. Total Non-Fuel Costs (Appendix 2)	109,947	109,947
D. Non-Fuel Cost/kWh (C / B)	\$0.3190	\$0.3190
E. Total Fuel Costs (Appendix 2)	149,770	184,224
F. Fuel Costs/kWh (E / B)	\$0.4345	\$0.5345
G. Eligible Costs/kWh (D + F)	\$0.7535	\$0.8534
H. Eligible Cost/kWh (G) less 20.03 cents	\$0.5532	\$0.6531
I. Lesser of (H) or 79.97 cents/kWh	\$0.5532	\$0.6531
J. Average Class Rates (Appendix 3)		
ALL	\$0.7197	\$0.7197
Class Power Cost Equalization Per kWh Payable		
K. Lesser of: (I) x 95% or (J)		
ALL	\$0.5255	\$0.6205
L. Funding Level in Effect	100%	100%
ALL	\$0.5255	\$0.6205

PC16-0316Z
Appendix 1

Tatitlek Village IRA Council d/b/a Tatitlek Electric Utility

APPENDIX 2

SCHEDULE OF ELIGIBLE POWER COSTS, SALES, AND EFFICIENCY
FOR TEST PERIOD ENDING DECEMBER 31, 2015

Fuel Cost Update

		PC16-0316Y	PC16-0316Z	
Non-Fuel Costs:		Prior Commission Approval	Per Utility	Per Staff
A.	Personnel Costs	59,555	59,555	59,555
B.	Operating Expenses	5,010	5,010	5,010
C.	General & Administrative	21,299	21,299	21,299
D.	Depreciation	24,083	24,083	24,083
E.	Interest Expense	0	0	0
F.	Other (Describe)	0	0	0
G.	Total Non-Fuel Costs	\$109,947	\$109,947	\$109,947
Fuel Costs:				
H.	Gallons Consumed for Electric Generation	36,336	36,336	36,336
I.	Price of Fuel: Weighted Average	\$4.1218	\$5.0700	\$5.0700
J.	Total Cost of Fuel	\$149,770	\$184,224	\$184,224
K.	kWh Generated	420,158	420,158	420,158
L.	kWh Sales	344,697	344,697	344,697
M.	kWh Station Service	28,278	28,278	28,278
N.	Efficiency (K /H)	Standard ≥ 10.5	11.56	11.56
O.	Line Loss & Station Service	≤ 12%	11.23%	11.23%
(kWh generated -(kWh Sold + Station Service))/kWh Generated				

On Hand	500	x	\$4.1218	=	\$2,060.90	
Delivered	8,531	x	\$5.1256	=	\$43,724.43	Weighted Avg:
	<u>9,031</u>				<u>\$45,785.33</u>	<u>\$5.0700</u>

PC16-0316Z
Appendix 2

**Tatitlek Village IRA Council d/b/a
Tatitlek Electric Utility**

CALCULATION OF AVERAGE CLASS RATE PER kWh

Rate Schedule: Residential

(1) Block (by kWh)	(2) Rate (\$/kWh)	(3) Surcharge (\$/kWh)	(4) Total (\$/kWh) (2+3)	(5) Total \$ (1x4)	(6) Avg. (\$/kWh) (5)/(1)	(7) Avg. Rate (\$/kWh) - \$ 0.2003
0 to 500	0.9200		0.9200	460.0000		
to						
to						
to						
Max 500			Total	460.00	0.9200	0.7197

Rate Schedule:

(1) Block (by kWh)	(2) Rate (\$/kWh)	(3) Surcharge (\$/kWh)	(4) Total (\$/kWh) (2+3)	(5) Total \$ (1x4)	(6) Avg. (\$/kWh) (5)/(1)	(7) Avg. Rate (\$/kWh) - \$ 0.2003
0 to						
to						
to						
to						
Max 500			Total			

Rate Schedule:

(1) Block (by kWh)	(2) Rate (\$/kWh)	(3) Surcharge (\$/kWh)	(4) Total (\$/kWh) (2+3)	(5) Total \$ (1x4)	(6) Avg. (\$/kWh) (5)/(1)	(7) Avg. Rate (\$/kWh) - \$ 0.2003
0 to						
to						
to						
to						
Max 500			Total			

Rate Schedule:

(1) Block (by kWh)	(2) Rate (\$/kWh)	(3) Surcharge (\$/kWh)	(4) Total (\$/kWh) (2+3)	(5) Total \$ (1x4)	(6) Avg. (\$/kWh) (5)/(1)	(7) Avg. Rate (\$/kWh) - \$ 0.2003
0 to						
to						
to						
to						
Max 500			Total			

**Tatitlek Village IRA Council d/b/a
Tatitlek Electric Utility**

CALCULATION OF COMMUNITY FACILITY AVERAGE RATE PER kWh

Rate Schedule: Community Facilities

(1) Block	(2) Rate/ kWh	(3) Surcharge (\$/kWh)	(4) Total (\$/kWh) (2+3)	(6) Average Rate(\$/kWh)- \$ 0.2003
0 to	0.9200		0.9200	0.7197
to				
to				

Rate Schedule:

(1) Block	(2) Rate/ kWh	(3) Surcharge (\$/kWh)	(4) Total (\$/kWh) (2+3)	(6) Average Rate(\$/kWh)- \$ 0.2003
0 to				
to				
to				

Rate Schedule:

(1) Block	(2) Rate/ kWh	(3) Surcharge (\$/kWh)	(4) Total (\$/kWh) (2+3)	(6) Average Rate(\$/kWh)- \$ 0.2003
0 to				
to				
to				

Rate Schedule:

(1) Block	(2) Rate/ kWh	(3) Surcharge (\$/kWh)	(4) Total (\$/kWh) (2+3)	(6) Average Rate(\$/kWh)- \$ 0.2003
0 to				
to				
to				

Tatitlek Village IRA Council d/b/a Tatitlek Electric Utility

Fuel Purchases

	Delivery Date	Gallons	Cost per Gallon	Delivery/ Mark-Up per Gallon	Total Cost
Beginning Fuel Inventory		500			
Last Approved Fuel Cost/Gal.			\$ 4.1218		
Beginning Fuel Inventory in Gallons	X Last Approved Fuel Cost/Gal. = Beginning Fuel Inventory Cost ---->				\$ 2,061
Reporting Period Purchases	12/26/21	3,195.7	5.0545		16,153
	12/01/21	2,637.0	5.2845		13,935
	12/30/21	2,697.9	5.0545		13,637
					-
					-
					-
					-
					-
					-
					-
					-
					-
Totals for Reporting Period Purchases on this sheet:		8,531			43,724
Grand Totals (beginning inventory plus purchases)		9,031		B \$	45,785

Grand Total Cost divided by Grand Total Gallons = 5.0700 Weighted Avg. Cost per gallon
Purchase Total Cost divided by Purchase Total Gallons = 5.1256 Cost Per Gallon

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